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Sarcopodium flocculentum, the correct name for *S. macalpinei*

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Abstract—The nomenclatural background of the species treated as *Sarcopodium macalpinei* is briefly outlined, and the requirement to supersede that name with a combination based on *Nectriella flocculenta* [≡ *Lanatonectria flocculenta*] is explained.

Key words—*Actinostilbe flocculenta, Actinostilbe macalpinei, Kutilakesopsis macalpinei,* ICN, code-compliance

In a morphological study, Sutton (1981) synonymised *Actinostilbe* Petch and *Kutilakesopsis* Agnihothr. & G.C.S. Barua with the earlier genus *Sarcopodium* Ehrenb. and published a new combination *Sarcopodium macalpinei* for the type of *Kutilakesopsis*.

Rossman & al. (1999) proposed *Lanatonectria* Samuels & Rossman, typified by a sexual morph for which they published the new combination *L. flocculenta*, additionally proposing a new combination *Actinostilbe macalpinei* for the conspecific asexual morph.

In a multi-gene analysis, Lombard & al. (2015) included sequences from the type species of *Sarcopodium* (*S. circinatum*), *Actinostilbe* (*A. vanillae* ≡ *S. vanillae*), and *Kutilakesopsis* (*K. macalpinei* ≡ *S. macalpinei*), demonstrating that they were all included within a monophyletic *Sarcopodium* clade, thereby confirming the synonymy of these three genera. They also included

Lanatonectria as a synonym based on the established synonymy of its type (*L. flocculenta*) with *Sarcopodium macalpinei;* consequently, they recombined four of the five *Lanatonectria* species in *Sarcopodium* but did not recombine *L. flocculenta* (presumably because of its existing heterotypic *Sarcopodium* synonym).

Rossman & al. (2016) recommended *Sarcopodium* as the accepted generic name in preference to *Lanatonectria* and *Actinostilbe,* a decision based on priority, widespread use, and the greater number of existing names; but they continued to cite *L. flocculenta* as *S. macalpinei*.

However, *Sarcopodium macalpinei* is not the correct name for this species, since it fails to use the epithet of the earliest available legitimate name, as required by ICN (Shenzhen) Art. 11.4 (Turland & al. 2018). The correct name has been proposed by Pennycook & Kirk (2019):

Sarcopodium flocculentum (Henn. & E. Nyman) Pennycook & P.M. Kirk, Index Fungorum no. 418: 1. 2019

≡ *Nectriella flocculenta* Henn. & E. Nyman, Monsunia 1: 160. 1899 ["1900"]

≡ *Nectria flocculenta* (Henn. & E. Nyman) Höhn., Sitzungsber. Kaiserl. Akad. Wiss., Wien, Math.-Naturwiss. Cl., Abt. 1, 121: 360. 1912

≡ *Lanatonectria flocculenta* (Henn. & E. Nyman) Samuels & Rossman, Stud. Mycol. 42: 138. 1999

≡ *Actinostilbe flocculenta* (Henn. & E. Nyman) Rossman, Samuels & Seifert, IMA Fungus 4(1): 46. 2013

= *Kutilakesopsis macalpinei* Agnihothr. & G.C.S. Barua, J. Indian Bot. Soc. 36: 309. 1957 [as '*macalpineae*']

≡ *Sarcopodium macalpinei* (Agnihothr. & G.C.S. Barua) B. Sutton, Trans. Brit. Mycol. Soc. 76: 99. 1981

≡ *Actinostilbe macalpinei* (Agnihothr. & G.C.S. Barua) Seifert & Samuels, Stud. Mycol. 42: 138. 1999

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